Certificate of Analysis

Reference Material & Standard

Product Name:	(all-Z)-6,9,12,15,18-Heneicosapentaenoic Acid Methyl Ester	**Catalogue Number:**	C1485002
Synonyms:	N/A	**Lot Number:**	1228-RG-0086
CAS Number:	65919-53-1	**Expiry Date:**	Sep 15, 2027
Molecular Formula:	$C_{22}H_{34}O_2$	**Storage:**	-80°C±5°C Protected from light and Sealed
Molecular Weight:	330.50	**Shipping Condition:**	Shipping with Dry Ice
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	GC	100.000%
Loss on Drying	TGA	0.1347%
Assay		99.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity GC (%) /100%*
Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by: Koji Date: Sep 16, 2026

Reviewed by: Lisa Date: Sep 17, 2026

Approved by General Manager: David Date: Sep 17, 2026

CATO Research Chemicals Inc.